



NACKADEMIN

Snabbguide – Message Routing

Azure IoT Hub Message Routing

Dirigera om meddelanden beroende på egenskap i Azure IoT Hub

Dashboard > IoT Hub > iothub18demo - Message routing

IoT Hub

Standardkatalog

+ Add Edit columns More

Filter by name...

NAME

iothub18demo

iothub18demo - Message routing

IoT Hub

Search (Ctrl+)

Built-in endpoints

Properties

Locks

Automation script

Explorers

Query explorer

IoT devices

Automatic Device Management

IoT Edge

IoT device configuration

Messaging

File upload

Message routing

Resiliency

Manual failover (preview)

Monitoring

Alerts

Metrics

Diagnostic settings

Logs

Send data from your devices to endpoints that you choose.

Routes Custom endpoints

Create an endpoint, and then add a route (you can add up to 100 from each IoT hub). Messages that don't match a query are automatically sent to messages/events if you've enabled the fallback route.

Disable fallback route

+ Add

Test all routes

Delete

NAME	DATA SOURCE	ROUTING QUERY	ENDPOINT	ENABLED
------	-------------	---------------	----------	---------

No results



Add a route

* Name ⓘ

StorageBlob

* Endpoint ⓘ

* Data source ⓘ

Device Telemetry Messages

* Enable route ⓘ

Enable

Disable

Create a query to filter messages before data is routed to an endpoint. [Learn more](#)

Routing query ⓘ

1 true

Test

Save

+ Add

Event hubs

Service bus queue

Service bus topic

Blob storage

Dashboard > IoT Hub > iothub18demo - Message routing > Add a route > Add a storage endpoint

Add a storage endpoint

Route your telemetry and device messages to Azure Storage as blobs.

* Endpoint name ⓘ

StorageBlob

Azure Storage account and container

Create a new container, or choose an existing one that shares a subscription with this IoT hub.

Azure Storage container

Pick a container

Batch frequency ⓘ

Pick a container

100

Chunk size window ⓘ

100

* Blob file name format ⓘ

{iothub}/{partition}/{YYYY}/{MM}/{DD}/{HH}/{mm}

The format must contain {iothub}, {partition}, {YYYY}, {MM}, {DD}, {HH} and {mm} in any order.

If multiple files are created within the same minute, the filename format would be iothub18demo/0/2019/01/29/02/34-01.

Create

Dashboards > IoT Hub > iothub18demo - Message routing > Add a route > Add a storage endpoint > Storage accounts

Storage accounts

+ Storage account Refresh

Search storage accounts

☐ Show classic storage accounts

NAME	TYPE	RESOURCE GROUP	LOCATION
fe1889db	Standard-LRS	fe18	West Europe
iot18fa8466	Standard-LRS	iot18	West Europe
iot18storageblob	Standard-LRS	iot18	West Europe

eller

[Dashboard](#) > [IoT Hub](#) > [iothub18demo - Message routing](#) > [Add a route](#) > [Add a storage endpoint](#) > [Storage accounts](#) > Containers

Storage accounts

[+ Storage account](#) [Refresh](#)

☐ Show
classi
stora
accou

NAME
fe1889db
iot18fa8466
iot18storageblob

Containers

iot18storageblob

[+ Container](#) [Refresh](#)

NAME	LAST MODIFIED	PUBLIC ACCESS L...	LEASE STATE	
outcontainer	2019-01-21	Private	Available	...

Select

Dashboard > IoT Hub > iothub18demo - Message routing > Add a route > Add a storage endpoint > Storage accounts > Containers

Storage accounts

+ Storage account Refresh

Search storage accounts

Show
classi
stora
accot

NAME

fe1889db

iot18fa8466

iot18storageblob

Containers

iot18storageblob

+ Container Refresh

New container

* Name

storageendpoint

Public access level ⓘ

Container (anonymous read access for containers and blobs)

OK

Cancel

Select

Dashboard > IoT Hub > iothub18demo - Message routing > Add a route > Add a storage endpoint > Storage accounts > Containers

Storage accounts

+ Storage account Refresh

Search storage accounts

☐ Show classification storage account

NAME
fe1889db
iot18fa8466
iot18storageblob

Containers

iot18storageblob

+ Container Refresh

Search containers by prefix

NAME	LAST MODIFIED	PUBLIC ACCESS L...	LEASE STATE
outcontainer	2019-01-21	Private	Available ...
storageendpoint	2019-01-21	Container	Available ...

Select

Add a storage endpoint

Route your telemetry and device messages to Azure Storage as blobs.

* Endpoint name ⓘ

StorageBlob ✓

Azure Storage account and container

Create a new container, or choose an existing one that shares a subscription with this IoT hub.

Azure Storage container

https://iot18storageblob.blob.core.windows.net/storageendpoint

Pick a container

Batch frequency ⓘ



60

Chunk size window ⓘ



100

* Blob file name format ⓘ

{iothub}/{partition}/{YYYY}/{MM}/{DD}/{HH}/{mm}

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Create

60 sek

Dashboard > IoT Hub > iothub18demo - Message routing > Add a route

Add a route

* Name ⓘ
StorageBlob ✓

* Endpoint ⓘ
StorageBlob ✓ + Add

* Data source ⓘ
Device Telemetry Messages ✓

* Enable route ⓘ

Create a query to filter messages before data is routed to an endpoint. [Learn more](#)

Routing query ⓘ
1 true

Test

Save

Innebär att alla meddelanden kommer dit

exempel
level = critical
gör att meddelanden som är critical går dit

Dashboard > IoT Hub > iothub18demo - Message routing

IoT Hub

Standardkatalog

+ Add

Edit columns

More

Filter by name...

NAME ↑↓

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Disable fallback route

+ Add

Test all routes

Delete

<input type="checkbox"/>	NAME	DATA SOURCE	ROUTING QUERY	ENDPOINT	ENABLED
<input type="checkbox"/>	StorageBlob	DeviceMessages	true	StorageBlob	true



We manage the whole spectra of Digital Transformation

Hans Mattin-Lassei

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